



## PATENT ABSTRACTS OF JAPAN

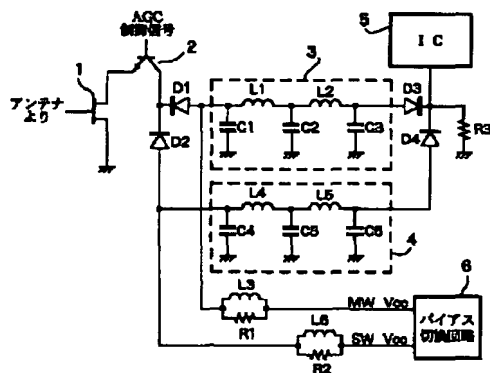
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**H04B 1/18****H04B 1/10****H04B 1/16****H04B 1/26**(21) Application number: **04196079**(71) Applicant: **MITSUMI ELECTRIC CO LTD**(22) Date of filing: **29.06.92**(72) Inventor: **OKUI SHIGEHIRO****(54) AM ELECTRONIC SYNCHRONIZATION TUNER****(57) Abstract:**

**PURPOSE:** To allow the up-conversion system AM electronic synchronization tuner to receive selectively an MW band and an SW band without disturbance.

**CONSTITUTION:** A signal inputted from an antenna is inputted to a tuning use lowpass filter section via a signal amplifier FET and an AGC transistor (TR). The tuning use low pass filter section consists of an MW use low pass filter 3 and an SW low pass filter 4 connected in parallel and a bias changeover circuit 6 selects either of them. The selected low pass filter circuit receives one of the MW and SW bands and outputs the signal of the band to an IC 5 forming the up-conversion system frequency conversion section.



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